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 AUTH. NAME AUTHOR AFFILIATION
 EMBREE, D.G. Washington Public Power Supply System
 SMITH, G.O. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jan 1994 for WNP-2.W/~~undated ltr.~~

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • 3000 George Washington Way • Richland, Washington 99352-0968 • (509) 372-5000

February 10, 1994
G02-94-32

Docket No. 50-397

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Dear Sirs:

Subject: **NUCLEAR PLANT NO. 2**
 MONTHLY OPERATING REPORT
 JANUARY 1994

Transmitted herewith is the Monthly Operating Report for the month of January, 1994 as required by our Technical Specifications 6.9.1.6.

Sincerely,

GOSmith
G. O. Smith
Operations Division Manager (MD 9270)

GOS:DGE

cc: Mr. W.H. Lovelace, NRC, Washington, DC
 Mr. K.E. Perkins, NRC Region V
 Mr. R.C. Barr, NRC Resident Inspector (901A)
 Mr. J.T. Wheelock, INPO
 Mr. C. Bergesen, Utility Data Institute
 Mr. J.T. Irish, BPA (399)

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OPERATING STATUS REPORT for WNP-2

Date: February 1, 1994

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1. Docket: 50-397
 2. Reporting Period: JANUARY 1994 Outage + On-Line Hours: 744.0
 3. Utility Contact: David G. Embree (509) 377-8448
 4. Licensed Thermal Power (MW_t): 3323
 5. Nameplate Rating (Gross MW_e): 1200.9
 6. Design Electrical Rating (Net MW_e): 1120
 7. Maximum Dependable Capacity (Gross MW_e): 1132
 8. Maximum Dependable Capacity (Net MW_e): 1086
 9. If changes occur above since last report, give reasons: n/a
 10. Power to which restricted, if any (Net MW_e): n/a
 11. Reasons for restrictions, if any: n/a

	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
12. Report Period Hours	744.0	744.0	80,072.2
13. Hours Reactor Critical	744.0	744.0	56,854.2
14. Rx Reserve Shutdown Hours	0.0	0.0	340.4
15. Hours Generator On-Line	744.0	744.0	54,811.0
16. Unit Reserve Shutdown Hours	0.0	0.0	381.7
17. Gross Thermal Energy (MWH)	2,405,620	2,405,620	161,166,926
18. Gross Electrical Energy (MWH)	837,680	837,680	54,149,890
19. Net Electrical Energy (MWH)	806,082	806,082	51,891,467
20. Unit Service Factor	100.0%	100.0%	68.5%
21. Unit Availability Factor	100.0%	100.0%	68.9%
22. Unit Capacity Factor (MDC Net)	99.8%	99.8%	59.3%
23. Unit Capacity Factor (DER Net)	96.7%	96.7%	58.8%
24. Unit Forced Outage Rate	0.0%	0.0%	12.6%
25. Forced Outage Hours	0.0	0.0	7,885.3

26. Shutdowns scheduled over the next 6 months (type, date, duration):
Refueling Outage, about April 30, 1994, 60 Days.
27. If currently shutdown estimated startup date: n/a

Note: Cumulative Unit Capacity Factors (MDC & DER) are calculated with weighted averages.

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1. *Journal of Management Studies*, 1996, 33, 1, 1-14.

1. *Journal of the American Medical Association*, 1997; 278: 1039-1044.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-397
UNIT: WNP-2
DATE: February 1, 1994
COMPLETED BY: D. G. Embree
TELEPHONE: (509) 377-8448

REPORT PERIOD: JANUARY 1994

DAY	AVERAGE DAILY POWER LEVEL (Net MWe)
1	1092
2	1117
3	1114
4	1107
5	1111
6	1117
7	1109
8	1117
9	1117
10	1113
11	1082
12	1107
13	1112
14	1012
15	528

DAY	AVERAGE DAILY POWER LEVEL (Net MWe)
16	971
17	1114
18	1116
19	1109
20	1109
21	1092
22	1116
23	1116
24	1109
25	1110
26	1114
27	1113
28	1088
29	1117
30	1118
31	1121

INSTRUCTIONS

On this form, list the average daily unit power level in MWe (net) for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-397
 UNIT NAME: WNP-2
 DATE: February 1, 1994
 COMPLETED BY: D.G. Embree
 TELEPHONE: (509) 377-8448

REPORT PERIOD: JANUARY 1994

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
94-01	1/14/94	S	49.8	B	5	--	HF	HTEXECH	The plant reduced power to conduct maintenance on numerous plant components that needed attention. An attempt was made to plug a main condenser tube leak. Steam leaks were repaired and a condensate system pump was repaired.

SUMMARY: WNP-2 operated near full power during the month with one significant power reductions (>20%) which was conducted to complete needed maintenance.

TYPE	REASON	METHOD	SYSTEM & COMPONENT
F - Forced S - Scheduled	A - Equipment Failure B - Maintenance or Test C - Refueling D - Regulatory Restriction	E - Operator Training & License Examination F - Administration G - Operational Error H - Other	1 - Manual 2 - Manual Scram 3 - Auto Scram 4 - Continued 5 - Reduced Load 9 - Other NUREG-0161 Exhibits F & H